

STATEMENT OF BASIS (AI No. 6081)

for draft modification of Louisiana Pollutant Discharge Elimination System permit No. LA0074331 to discharge to waters of the State of Louisiana.

THE APPLICANT IS: Universal Compression, Inc.
Post Office Box 668
Houma, Louisiana 70361

ISSUING OFFICE: Louisiana Department of Environmental Quality (LDEQ)
Office of Environmental Services
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

PREPARED BY: Michelle Bickham

DATE PREPARED: July 19, 2006

1. PERMIT STATUS**A. Reason For Permit Action:**

Modification of an existing Louisiana Pollutant Discharge Elimination System (LPDES) permit to add a treated sanitary wastewater outfall.

- B.** NPDES permit - N/A
NPDES permit effective date: N/A
NPDES permit expiration date: N/A
- C.** LWDPDS permit - (WP1576)
LWDPDS permit effective date: December 8, 1992
LWDPDS permit expiration date: December 7, 1997
- D.** LPDES permit - (LA0074331)
LPDES permit effective date: April 1, 2004
LPDES permit expiration date: March 31, 2009
- E.** Date Modification Request Received: June 2, 2006

2. FACILITY INFORMATION**A. FACILITY TYPE/ACTIVITY - machine shop and repair facility**

Universal Compression, Inc. is an existing machine shop and repair facility. The facility repairs and rebuilds machine parts and fabricates metal parts for industrial engines and compressors.

B. FEE RATE

1. Fee Rating Facility Type: minor
2. Complexity Type: II
3. Wastewater Type: II
4. SIC code: 3533, 7692

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C. LOCATION - 120 Cannon Drive, Houma, Terrebonne Parish
Latitude 29°33'47", Longitude 90°47'36"

3. OUTFALL INFORMATION

Outfall 002

Discharge Type: treated sanitary wastewater
Treatment: sewage treatment plant with aeration and chlorination
Location: at the point of discharge from the sewage treatment
plant located on the west side of the service building
(Latitude 29°33'47", Longitude 90°47'36")
Flow: 0.00016 mgd
Discharge Route: local drainage thence to Little Bayou Black

4. RECEIVING WATERS

STREAM - local drainage thence to Little Bayou Black

BASIN AND SEGMENT - Terrebonne Basin, Segment 120202

DESIGNATED USES - a. primary contact recreation
b. secondary contact recreation
c. propagation of fish and wildlife
d. drinking water supply **

**As per LAC33:IX.1111.D, designated uses only apply to discharges
directly into a named waterbody and not tributaries and distributaries.

5. PROPOSED EFFLUENT LIMITS

BASIS - See Rationale below.

6. COMPLIANCE HISTORY/COMMENTS

All DMR's have been submitted in accordance with the existing permit. One
excursion was noted, 9/05 - pH = 9.08.

7. ENDANGERED SPECIES

The receiving waterbody, Subsegment 120202 of the Terrebonne Basin is not
listed in Section II.2 of the Implementation Strategy as requiring
consultation with the U.S. Fish and Wildlife Service (FWS). This strategy
was submitted with a letter dated October 21, 2005 from Watson (FWS) to
Gautreaux (LDEQ). Therefore, in accordance with the Memorandum of
Understanding between the LDEQ and the FWS, no further informal (Section
7, Endangered Species Act) consultation is required. It was determined
that the issuance of the LPDES permit is not likely to have an adverse

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effect on any endangered or candidate species or the critical habitat. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat.

8. HISTORIC SITES

The discharge is from an existing facility location, which does not include an expansion on undisturbed soils. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the "Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits" no consultation with the Louisiana State Historic Preservation Officer is required.

9. TENTATIVE DETERMINATION

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to modify a permit for the discharge described in the application.

10. PUBLIC NOTICES

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

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Rationale for Universal Compression, Inc.

1. **Outfall 002 - treated sanitary wastewater** (estimated flow is 0.00016 MGD)

<u>Pollutant</u>	<u>Limitation</u>	<u>Reference</u>
	Mo. Avg:Daily Max (mg/l)	
Flow	---:Report	
BOD	---:45 mg/L	LPDES General Permit LAG480000 (BPJ)
TSS	---:45 mg/L	LPDES General Permit LAG480000 (BPJ)
Fecal Coliform	---400/100mL	LPDES General Permit LAG480000 (BPJ)
pH	6.0 - 9.0 s.u.	LPDES General Permit LAG480000 (BPJ)

Treatment: sewage treatment plant (aeration, chlorination)

Monitoring Frequency: 1/6 months for all parameters at the point of discharge from the sewage treatment plant located on the west side of the service building.

Limits Justification: Light Commercial Facilities General Permit LAG480000, Schedule A.

BPJ Best Professional Judgement
 su Standard Units

NOTE

For outfalls containing concentration limits, the usage of concentration limits is based on BPJ for similar outfalls since the flow is variable and estimated.

303(d)/TMDL WATERBODIES

Subsegment 120202 is not listed on LDEQ's Final 2004 303(d) list as impaired; and to date, no TMDL's have been established. A reopener clause has been established in the permit to allow for the requirement of more stringent effluent limitations and requirements as imposed by any future TMDL's.